

Erin R. Karl, M.D.

Summary of Qualifications

- Former EMRA Board of Directors member, serving as the 2017-2018 EMRA Medical Student Council Chair
- Current Chair-Elect of the EMRA Education Committee and second year Emergency Medicine resident, with a passion for medical education and all things EMRA
- Seeking to continue my work with EMRA as a national advocate for resident and medical student education as the 2019-2021 EMRA Director of Education
- Future medical education fellow and clerkship director

Education

2018 – Present	Graduate Medical Education University of Nebraska Medical Center <i>Emergency Medicine, PGY-2</i>
2014 – 2018	Medical Education University of Minnesota Medical School <i>MD, May 2018</i>
2009 – 2012	Undergraduate Education The College of Saint Benedict <i>BA Chemistry, May 2012</i> <i>All College Honors Program; Regent/Trustee's Scholar</i>

Leadership Positions

April 2019 – Present	<i>Chair-Elect</i> Emergency Medicine Residents' Association (EMRA) Education Committee <ul style="list-style-type: none">• Lead national team to create clinical resources and support materials for EM residents and students• Produce high quality national events for residents at ACEP's <i>Scientific Assembly</i> and CORD's <i>Academic Assembly</i>, including EMRA's <i>Quiz Show</i> and <i>20 in 6</i>• Mentor and assist with professional development of seven committee vice chairs and other medical students and residents with an interest in medical education• Inform EMRA Board of Directors in taking a stance on issues related to EM resident education and training• Representing EMRA at the National Resident Matching Program (NRMP) <i>Transition to Residency: Conversations Across the Medical Education Continuum</i> in October 2019
April 2019 – Present	<i>Resident Representative</i> American College of Emergency Physicians (ACEP) Nebraska Chapter Board of Directors <ul style="list-style-type: none">• Voting position on the Nebraska ACEP Board of Directors, serving as the voice for the state's resident members

July 2018 – Present

Program Representative

**Emergency Medicine Residents' Association (EMRA)
Representative Council (RepCo)**

- Elected by co-residents to serve as our program's delegate to the EMRA RepCo
- Discuss proposed EMRA resolutions with co-residents biannually so I can represent their collective views when voting on resolutions at the in person EMRA RepCo meetings at ACEP's *Scientific Assembly* and CORD's *Academic Assembly*
- Update co-residents on all important updates from EMRA when they arise

May 2018 – Present

Curation of Existing Resources Team Lead

**Council of Residency Directors in Emergency Medicine (CORD)
Advising Students Committee in Emergency Medicine (ASC-EM)**

- Keep ASC-EM's list of existing resources for EM-bound medical students up to date
- Ensure this list is available to all EM-bound medical students by working with national EM organizations for disbursement of the list to their medical student members

April 2018 – April 2019

Vice Chair of Medical Student Education

**Emergency Medicine Residents' Association (EMRA)
Education Committee**

- Passed proposal through the EMRA Board of Directors that supports the funding of up to 15 medical students to serve as medical student liaisons to EMRA committees each year
- Wrote articles for *EM Resident*, pertinent to EM-bound medical students
- Worked with EMRA's Medical Student Council to plan and execute EMRA's Medical Student Forum, which is a biannual event held at ACEP's *Scientific Assembly* and ACEP's *Leadership and Advocacy Conference* (to be held at CORD's *Academic Assembly* in 2020!)

April 2017 – April 2018

Chair

**Emergency Medicine Residents' Association (EMRA)
Medical Student Council (MSC)**

- National leadership position, serving as an advocate for EM-bound medical students across the country
 - National advocate for medical students, in opposition to the Standardized Video Interview (SVI)
 - Co-author of [Medical Student Involvement and Validation of the Standardized Video Interview Implementation D-310.949](#), passed at the AMA Interim meeting, November 2017
 - Sole medical student representative on the EM-SVI Medical Student Reaction Survey and Manuscript Writing Subcommittee (representatives from EMRA, CORD, CDEM, SAEM, AAEM-RSA, AAMC), serving as an advocate for all EM-bound medical students across the country throughout the survey writing and data reporting/writing process
 - Planned and executed EMRA's Medical Student Forum, which is a biannual event held at ACEP's *Scientific Assembly* and ACEP's *Leadership and Advocacy Conference* (to be held at CORD's *Academic Assembly* in 2020!)
- Member of the EMRA Board of Directors
 - Brought new project/publication ideas from the MSC and medical student members to the Board in order to obtain assistance with implementation
 - Ensured that medical students were represented in all EMRA projects, events, and committees
- Leader of the 25 member MSC
 - Led monthly conference calls to ensure that each and every MSC member performed at their greatest potential, in regards to accomplishing the goals set forth during the previous month's call
 - Ensured that Representatives continued personalized contact with every single Emergency Medicine Interest Group (EMIG) across the country
 - Ensured regional Coordinators kept in close contact with their state ACEP chapters in order to pass along educational and legislative opportunities to the EMIGs in their regions

April 2016 – April 2017 *Midwest Coordinator*

Emergency Medicine Residents' Association (EMRA)

Medical Student Council (MSC)

- National leadership position, serving on the 25 member MSC
- Worked with my Regional Representatives to contact and build relationships with EMIG members throughout the midwest region
- Kept EMIG members up to date with various opportunities in their areas, such as state ACEP chapter conferences and legislative/advocacy days
- Assisted with midwest resident recruitment for the MSC's Student-Resident Mentorship Program
- Connected with Midwest Program Directors (PD) in order to expand the MSC's monthly PD Interview Series

Sept 2015 – May 2016 *President; Founder*

University of Minnesota Medical School – Duluth

Emergency Medicine Interest Group (EMIG)

- Founder of the University of Minnesota Medical School – Duluth campus EMIG
- Elected to serve as President for the 2015-2016 academic year
- Started a mentorship program between Duluth medical students and local EM physicians
- Organized monthly case study lunch presentations, as well as clinical skills nights

Committees / Groups

Aug 2019 – Present *LiveGreen Ambassador*

University of Nebraska Medical Center (UNMC)

- Integrate sustainability into UNMC by modeling behaviors, providing colleagues with information, helping individuals use tools to implement sustainability initiatives, listening to colleagues' ideas for sustainability on campus, and conveying those ideas to the Office of Sustainability

June 2019 – Present *Emergency Medicine Standardized Video Interview (EM-SVI) Working Group*

Association of American Medical Colleges (AAMC)

- The EM-SVI Working Group partnered with the AAMC to design a longitudinal study to evaluate the AAMC SVI
- EM-SVI working group includes representation from the following groups: EMRA, SAEM, CORD, CDEM, AACEM, AAEM-RSA, AAMC-GSA, AAMC-GDI
 - I serve as one of the EMRA representatives on the group
- Efforts have focused on helping to define SVI policy, defining the SVI research agenda (e.g., co-creating applicant and program director surveys; identifying the need for research linking SVI scores to trainee performance), exploring the utility of the SVI, discussing and interpreting findings to date, and disseminating results

June 2019 – Sept 2019 *EMRA 45 Under 45 Selection Committee*

Emergency Medicine Residents' Association (EMRA)

- Tasked with going through 400+ applications and selecting the [top 45 young influencers in Emergency Medicine](#) who are shaping the future of EM by making a difference in their communities, hospitals, and our specialty

Sept 2017 – June 2019 *EM-SVI Medical Student Reaction Survey and Manuscript Writing Subcommittee*

Association of American Medical Colleges (AAMC)

- Worked to create a survey of all EM-bound medical students after they participated in the AAMC's SVI
- Group included representatives from EMRA, CORD, CDEM, SAEM, AAEM-RSA, AAMC
 - I was the sole medical student representative in the group, serving as an advocate for all EM-bound medical students across the country throughout the survey writing and data reporting/writing process
- Analyzed data and reported our findings in *Academic Medicine* in June 2019 (see peer reviewed publications, below: [Applicant Reactions to the AAMC Standardized Video Interview During the 2018 Application Cycle](#))

Work and Volunteer Experiences

- Oct 2015 – May 2016 *Patient Education Volunteer*
Women's Health Center of Duluth
- Patient educator for women seeking abortion services
- July 2015 – Aug 2015 *Long Term Volunteer*
Community Health Initiative (CHI) – Haiti
- Volunteered for six weeks in Arcahaie, Haiti, assisting Haitian staff with a clean water project, as well as a neonatal resuscitation initiative
- Aug 2014 – May 2016 *Student Clinician Volunteer*
HOPE Clinic
- Volunteer at free clinic in Duluth, which is run by Duluth medical and pharmacy students
- Feb 2014 – Present *Medical Clinic Volunteer*
Community Health Initiative (CHI) – Haiti
- Volunteered during five separate one-week long clinics in Arcahaie and Les Anglais, Haiti (Feb 2014, July 2014, Aug 2015, June 2016, and June 2017)
 - As an EMT prior to medical school, I triaged patients and worked in the treatment room.
 - As a medical student, I obtained patient histories, performed physical exams, and worked with physicians on patient assessments and plans.
 - On my next trip, I will volunteer as a physician and eventually as a clinic team leader.
- July 2013 – Aug 2014 *Emergency Department Scribe*
Emergency Physicians Professional Association (EPPA)
Fairview Southdale Hospital, Edina, MN; Fairview Ridges Hospital, Burnsville, MN
- Accompanied EM physicians in the ED and directly observed patient encounters
 - Responsible for documenting the patient-physician interaction and the medical care received into the patient's medical record
- Aug 2010 – May 2012 *Emergency Trauma Center Volunteer*
St. Cloud Emergency Trauma Center
- Assisted triage and nursing personnel with any needs or concerns, brought patients from triage to their room, made sure patients were comfortable, relayed any patient concerns to nursing staff, and cleaned patient rooms after use

Publications

Peer-Reviewed

Cole JB, Scharber SK, **Karl ER**, Horton GB, Satpathy R, Driver BE. "[Push Dose Pressors' in the Emergency Department: An Assessment of Adverse Hemodynamic Events, Documentation Errors, and Dosing Errors.](#)" *Journal of Medical Toxicology*. Published online July 3, 2019.

Deiorio N and Jarou Z (equal first authors, remainder of authors listed alphabetically), Alker A, Bird S, Druck J, Gallahue F, Hiller K, **Karl E**, Pierce A, Fletcher L, Dunleavy D. "[Applicant Reactions to the AAMC Standardized Video Interview During the 2018 Application Cycle.](#)" *Academic Medicine*. Published online June 18, 2019 ahead of print.

Abstracts

Karl E, Jarou Z, Qiu C. "[Factors Affecting Emergency Medicine Residency Applicant Perceptions of Competitiveness and Number of Applications Submitted.](#)" SAEM19 Abstracts. *Acad Emerg Med*, 26: S9-S304. Abstract #605.

Karl E, Jarou Z, Qiu C. "[How Many Emergency Medicine Rotations Are Students Completing?](#)" SAEM19 Abstracts. *Acad Emerg Med*, 26: S9-S304. Abstract #410.

Donelan C, **Karl E**, Dar S, Caraganis A, Moore J, Driver B, Prekker M. "Chest Compression Fraction and Ventilation Rate Among Patients with Cardiopulmonary Arrest in an Urban, Academic Emergency Department." ACEP Scientific Assembly 2019. Abstract #279.

Driver B, **Karl E**, Reardon R. "[Does Engaging the Median Glossoepiglottic Fold Improve Laryngoscopic View?](#)" SAEM18 Abstracts. *Acad Emerg Med*, 25: S8-S284. Abstract #266.

Cole J, Scharber S, **Karl E**, Horton G, Satpathy R, Driver B. "['Push Dose Pressors' in the Emergency Department: An Assessment of Adverse Hemodynamic Events, Documentation Errors, and Dosing Errors.](#)" SAEM18 Abstracts. *Acad Emerg Med*, 25: S8-S284. Abstract #415.

Book Chapters

Olaf M, **Karl E**, Pickos J. [Chapter 8 - Apply Smarter, Not Harder: Understand Your Competitiveness.](#) *EMRA and CORD Student Advising Guide: An Evidence-Based Approach to Matching in EM.* Editor in Chief: Jarou Z. Associate Editors: Hillman E, Kellogg A, Lutfy-Clayton L, Pelletier-Bui A, Shandro J. Emergency Medicine Residents' Association, 2019.

EM Resident

Karl E, Christensen R. "[Educational EMRA and ACEP Resources for Medical Students,](#)" Online, October 2018.

Karl E, Christensen R, Paradise S. "[Conquering Your Away Rotations in 10 Easy Steps,](#)" Online, June 2018.

Jarou Z, **Karl E**, Alker A, Bird S, Deiorio N, Druck J, Gallahue F, Hiller K, Pierce A, Fletcher L, Geiger T. "[Factors Affecting Standardized Video Interview Performance: Preparation Elements and the Testing Environment,](#)" Print and Online, April/May 2018, Vol 45, Issue 2.

Bobb M, **Karl E**, DiMiceli E. "[Making the Most of Your Summer,](#)" Online, February 2017.

Karl E. "[From the Pool to Medical School: An Interview with Abby Johnston, Olympic Diver and Medical Student,](#)" Print and Online, December 2016/January 2017, Vol 43, Issue 6.

Karl E. "[Program Director Interview Series: Maria Moreira, MD | Denver Health,](#)" Online, December 2016.

Karl E. "[Program Director Interview Series: Butch Humbert, MD | Indiana University,](#)" Online, September 2016.

Karl E. "Program Director Interview Series: Richard Gray, MD | Hennepin County Medical Center," Online, June 2016.

Editor/Reviewer

Member of the EMRA Review Committee: [EMRA Fellowship Guide: Opportunities for Emergency Physicians,](#) Online, 2018, 2nd edition.

Member of the EMRA Review Committee: [EMRA Transgender Care Guide,](#) Online, 2018.

AMA Resolutions

Co-author of [Medical Student Involvement and Validation of the Standardized Video Interview Implementation D-310.949,](#) passed at the AMA Interim meeting, November 2017.

Presentations

National
May 2019

Society for Academic Emergency Medicine (SAEM) *Annual Meeting*; Las Vegas, NV
Lightning Oral: **Karl E**, Jarou Z, Qiu C. [How Many Emergency Medicine Rotations Are Students Completing?](#)

May 2019	Society for Academic Emergency Medicine (SAEM) <i>Annual Meeting</i> ; Las Vegas, NV Poster: Karl E , Jarou Z, Qiu C. Factors Affecting Emergency Medicine Residency Applicant Perceptions of Competitiveness and Number of Applications Submitted
April 2019	Council of Residency Directors in Emergency Medicine (CORD) <i>Academic Assembly</i> ; Seattle, WA Host: Karl E , Khamees D. <i>EMRA Quiz Show</i>
Oct 2018	American College of Emergency Physicians (ACEP) <i>Scientific Assembly</i> ; San Diego, CA Emergency Medicine Residents' Association Medical Student Forum Panel: Eales T, Campbell L, Karl E , Rahnema A. <i>Lessons Learned to Match into EM</i>
Local	
Nov 2018	University of Nebraska Medical Center Department of Emergency Medicine; Omaha, NE Journal Club: Karl E , Perry T, Shields T. <i>Agitation in the Emergency Department</i>
Oct 2018	University of Nebraska Medical Center Department of Emergency Medicine; Omaha, NE Chapter Review: Karl E . <i>Management of Eating Disorders in the Emergency Department</i>

Educational Media

Podcast Appearance

Dec 2018	EMRA*Cast First Day of Residency - Now What? Host: Isaac Agboola, MD. Panel members: Adrian Haimovich, MD, PhD; Erin Karl, MD ; Aadil Vora, DO.
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Honors and Awards

May 2017	Glencoe Regional Health Services Sanken-Hatz Scholarship
May 2016	Glencoe Regional Health Services Sanken-Hatz Scholarship
Feb 2016	Dr. Edward L. Tuohy Scholarship
May 2015	Glencoe Regional Health Services Sanken-Hatz Scholarship
Feb 2015	Duluth Medical School Alumni and Friends Scholarship
2009 – 2012	The College of St. Benedict and St. John's University All College Honors Program
2009 – 2012	The College of St. Benedict Regent/Trustee's Scholar
Oct 2010	The National FFA Organization American Degree Recipient

Membership in Professional Societies

June 2018 – Present	Council of Residency Directors in Emergency Medicine
Oct 2015 – Present	Emergency Medicine Residents' Association
Oct 2015 – Present	American College of Emergency Physicians
Oct 2015 – Present	American Medical Association

Hobbies and Interests

- Aggressively attending Ed Sheeran concerts since 2012 (*current count = 12*)
- Continuing the perpetual quest to find the best pizza in the world (*current favorite = [Gustapizza](#) in Florence, Italy*)
- Composting, recycling, and living a low waste lifestyle
- Strategizing ways to successfully run and win *The Amazing Race* one day